Technical sheet :





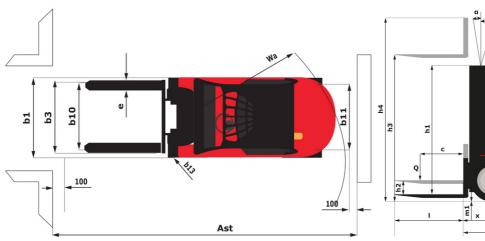


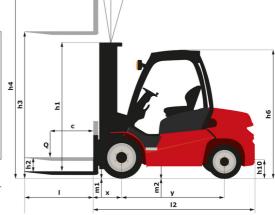
	Technical characteristics
1	Manufacturer
2	Model Name
	Power source
	Operator type
5	Max. capacity
6	Load center of gravity
8	Load distance, centre of drive axle to fork
9	Wheelbase
	Weight
1	Service weight
2	Weight on front axle (laden) / rear axle (laden)
3	Weight on front axle (Inladen) / rear axle (Inladen)
3	
	Wheels
1	Tires type
2	Dimensions of front wheels
3	Dimensions of rear wheels
5	Number of front wheels / rear wheels
2	Number of drive wheels
	Front wheel gauge
	Rear wheel gauge
	Dimensions
	Height of overhead guard (cabin)
	Seat height/stand height
2	Height of towing bar (coupling height)
	Overall length
	Length to face of forks
1	Overall width
	Overall width - Single wheels
2	Forks section / width / length
	Fork carriage ISO 2328 (class/form) A/B
, L	Fork carriage width
•	-
	Ground clearance below mast
2	Ground clearance at centre of wheelbase
	Aisle Width for pallets 1000 x 1200 crossways
4	Aisle width for 800 x 1200 pallet lengthways
5	Tuming radius
)	Internal tuming radius (over tyres)
	Performances
	Travel speed (laden / unladen)
	Lifting speed (laden / unladen)
	Lowering speed (laden / unladen)
	Drawbar pull (Laden / Unladen)
	Gradeability (laden / unladen)
)	Service brake
	Transmission type
	Engine
	Engine brand / model / norm
	I.C. Engine power rating
	Rated speed
	Number of cylinders / Capacity of cylinders
	Miscellaneous
	Working hydraulic pressure for attachments
2	Oil flow rate for attachments
	Measured/guaranteed mean noise level at the ear of the operator

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	, ,
	Metric
	MANITOU
	MI-X 30 D
	Diesel
	Seated
Q	3000 kg
с	500 mm
x	480 mm
у	1700 mm
	4610 kg
	6650 kg / 960 kg
	1860 kg / 2750 kg
	Super Elastic
	28-9-15 12
	6.50-10 10
	2/2
	2
b10	
b11	975 mm
511	
h6	2130 mm
h7	1215 mm
h10	355 mm
11	3875 mm
12	2715 mm
b1	1225 mm
b1	1225 mm
s/e/l	45 mm x 122 mm x 1150 mm
5/0/1	45 min x 122 min x 1150 min 3A
b3	1100 mm
m1	130 mm
m2	200 mm
Ast	4140 mm
	4140 mm
Ast Wa	2460 mm
b13	160 mm
D13	160 1111
	18 km/h-18.50 km/h
	0.45 m/s-0.52 m/s
	0.43 m/s-0.48 m/s
	1600 daN / 1380 daN
	20 % / 20 %
	Hydraulic
	Torque converter
	Vermer / ATNV04L DVD17 / Chara IIIA
	Yanmar / 4TNV94L-BXPHZ / Stage IIIA
	35 kW
	2400 rpm
	4 - 3054 cm³
	160 bar
	69 l/min
	< 84 dB
	84 dB

MI-X 30 D - Dimensional drawing





Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 40
α - Mast/fork carriage tilt, forward	۰	6	6
β - Mast/fork carriage tilt, backward	۰	12	12
h1 - Mast lowered height	mm	2050	2650
h2 - Mast free lift	mm	145	145
h3 - Mast lifting height	mm	3000	4000
h4 - Mast extended height	mm	3735	4735
Residual capacity at max height	kg	3000	3000
Residual capacity with integrated side shift at max heigth	kg	3000	3000
Height at max capacity	mm	3000	4000
Height at max capacity with integrated sideshift	mm		4000

Free Lift Duplex (FLD)		FLD 33	FLD 37	FLD 40	FVD 33
α - Mast/fork carriage tilt, forward	۰	6	6	6	6
β - Mast/fork carriage tilt, backward	٥	12	12	12	12
h1 - Mast lowered height	mm	2230	2430	2580	2200
h2 - Mast free lift	mm	1475	1675	1825	145
h3 - Mast lifting height	mm	3300	3700	4000	3300
h4 - Mast extended height	mm	4055	4455	4755	4035
Residual capacity at max height	kg	3000	3000	3000	3000
Residual capacity with integrated side shift at max heigth	kg	3000	3000	3000	3000
Height at max capacity	mm	3300	3700	4000	3300
Height at max capacity with integrated sideshift	mm	3300	3700	4000	3300

Free Lift Triplex (FLT)		FLT 43	FLT 45	FLT 47	FLT 55	FLT 60	FLT 65
α - Mast/fork carriage tilt, forward	٥	6	б	6	3	3	3
β - Mast/fork carriage tilt, backward	۰	6	6	6	6	6	6
h1 - Mast lowered height	mm	2115	2165	2215	2515	2765	2915
h2 - Mast free lift	mm	1360	1410	1460	1760	2010	2160
h3 - Mast lifting height	mm	4300	4500	4700	5500	6000	6500
h4 - Mast extended height	mm	5055	5305	5455	6255	6805	7255
Residual capacity at max height	kg	2950	2900	2800	1850	1400	1300
Residual capacity with integrated side shift at max heigth	kg	2850	2800	2700	1750	1300	1250
Height at max capacity	mm	4000	4000	4000	4000	4000	2500
Height at max capacity with integrated sideshift	mm	4000	4000	4000			



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